FIG. 1

IMAGE PROC SYSTEM — 1

IMAGE PROC APPARATUS — 2

3

RECORDING MEDIUM I/F UNIT — 11

10 — CONTROL UNIT

12 — IMAGE INFORMATION DATABASE

13 — IMAGE OBTAINING PROC UNIT

14 — FACE REGION EXTRACTION PROC UNIT

15 — IMAGE FEATURE AMOUNT CALCULATION UNIT

16 — CORRECTION EFFECT INFERENCE PROC UNIT

17 — IMAGE CORRECTION PROC UNIT

18 — PHOTOGRAPHING MODE DISCRIMINATION PROC UNIT

19 — CORRECTION PROC CONTROL UNIT

1A — FACE REGION CORRECTION PROC UNIT

1B — EXPANSION PROC UNIT

21 — PRINT PROC UNIT

20 — DISPLAY PROC UNIT

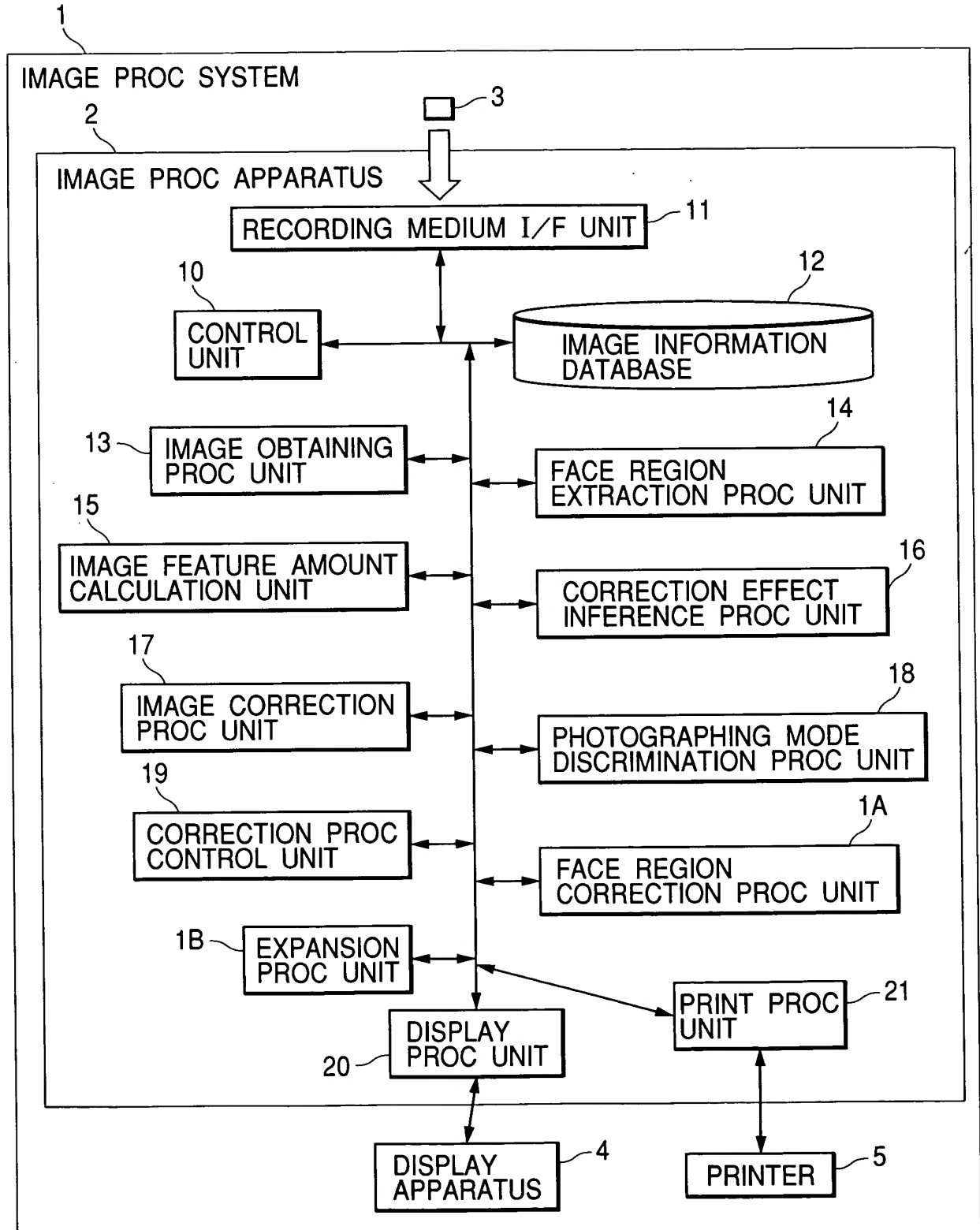4 — DISPLAY APPARATUS

5 — PRINTER

FIG. 2

12

IMAGE INFORMATION DATABASE

· IMAGE FILE NAME

· IMAGE DATA

· PHOTOGRAPHING INFORMATION

· PHOTOGRAPHING MODE, FOCAL DISTANCE, DIAPHRAGM VALUE, ···

· DATA FORMAT INFORMATION

· PHOTOGRAPHING DATE AND HOUR INFORMATION

· CORRECTION HISTORY INFORMATION

· POST-CORRECTION IMAGE DATA

· ·

FIG. 3A

CHECK OF BRIGHTNESS
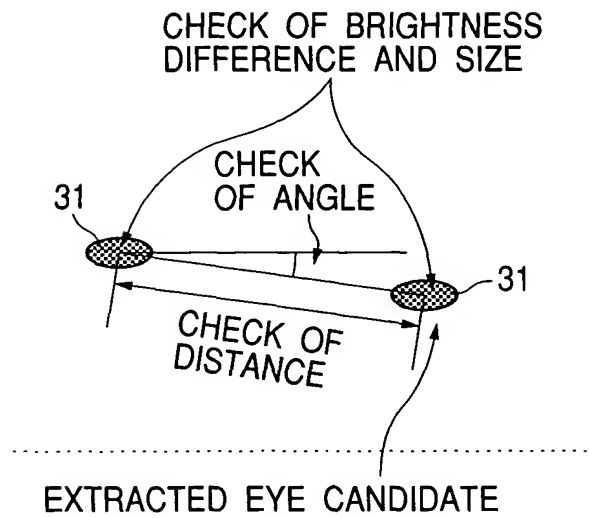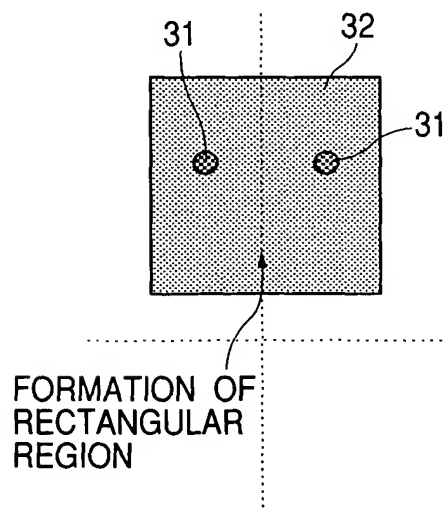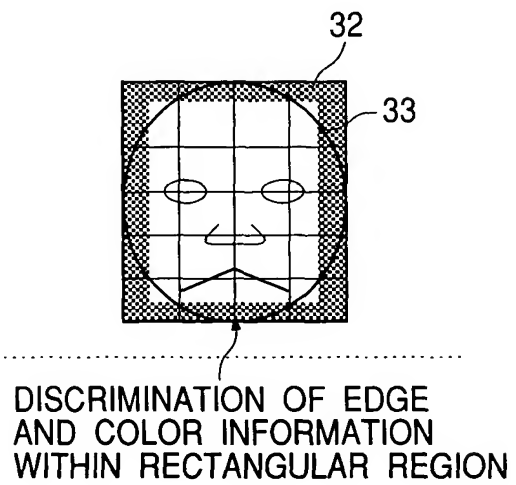DIFFERENCE AND SIZE

CHECK
OF ANGLE

31

31

CHECK OF
DISTANCE

EXTRACTED EYE CANDIDATE

FIG. 3B

31   32

31

FORMATION OF
RECTANGULAR
REGION

FIG. 3C

32

33

DISCRIMINATION OF EDGE
AND COLOR INFORMATION
WITHIN RECTANGULAR REGION

FIG. 4

```
        ┌─────────────┐
        │    START    │
        └─────────────┘
               │
               ▼
   ┌───────────────────────┐  S101
   │ OBTAIN IMAGE DATA     │
   │ AND PHOTOGRAPHING     │
   │ INFORMATION           │
   └───────────────────────┘
               │
               ▼
          ◇─────────◇  S102
       ╱               ╲       NO
      ╱  PERSON MODE ?   ╲──────────▶  TO ANOTHER PROC
      ╲                  ╱
       ╲               ╱
          ◇─────────◇
               │ YES
               ▼
   ┌───────────────────────┐  S103
   │ EXTRACT FACE REGION   │
   └───────────────────────┘
               │
               ▼
   ┌───────────────────────┐  S104
   │ CALCULATE IMAGE       │
   │ FEATURE AMOUNT        │
   └───────────────────────┘
               │
               ▼
          ◇─────────◇  S105
       ╱  CORRECTION  ╲       NO
      ╱ EFFECT OBTAINED ╲──────────┐
      ╲       ?        ╱           │
       ╲             ╱             │
          ◇─────────◇              │
               │ YES               │
               ▼                   │
   ┌───────────────────────┐  S106 │
   │ PERFORM CORRECTION    │       │
   │ PROC                  │       │
   └───────────────────────┘       │
               │◀──────────────────┘
               ▼
   ┌───────────────────────┐  S107
   │ DISPLAY AND PRINT     │
   │ IMAGE DATA            │
   └───────────────────────┘
               │
               ▼
        ┌─────────────┐
        │     END     │
        └─────────────┘
```